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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/071,150	02/08/2002	Daniel R. Meacham	P04987	8598

7590

02/01/2005

Docket Clerk
P.O. Drawer 800889
Dallas, TX 75380

EXAMINER

NGUYEN, SIMON

ART UNIT	PAPER NUMBER
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2685

DATE MAILED: 02/01/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/071,150	Applicant(s) MEACHAM, DANIEL R.	
	Examiner SIMON D NGUYEN	Art Unit 2685	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 November 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-4, 6, 8-11, 13, 15-18 and 20 is/are rejected.
- 7) ☒ Claim(s) 5, 7, 12, 14 and 19 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 20 December 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-3, 6, 8-10, 13, 15-18 are rejected under 35 U.S.C. 102(e) as being anticipated by Jean et al. (6,407,639).

Regarding claims 1 and 8, Jean disclose a mobile terminal having a stabilizer for controlling power variations of the RF output (abstract, fig.1A, 1C), comprising:
generating an output signal with secondary RF device (A2) (the signal from A2 to A1);
providing the output signal to a feedback circuit (A1); generating a feedback signal based on the output signal with the feedback circuit (the signal outputted from A1 to point 15); providing the feedback signal to the secondary RF device (the signal from A1 to point 15 to resistor 18 to A2); generating the output signal with the secondary RF device base on the feedback signal and providing the feedback signal to the primary RF device (the signal from A2 to A1 to point 15 to resistor 18 to point 13 then to Rpa) (column 2 line 53 to column 3 line 59).

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Regarding claims 15-16, these claims are rejected for the same reason as set forth in claim 1.

Regarding claims 2-3, 9-10, and 17-18, Jean further discloses a reference signal and wherein generating the feedback signal based on the reference signal (column 3 lines 1-42).

Regarding claims 6, 13, Jean further discloses the feedback signal providing to the primary RF device is amplified (column 3 lines 10-42).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 4, 11, and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Jean et al. (6,407,639) in view of Beard et al. (6,434,187).

Regarding claims 4, 11, Jean discloses that the stabilizer for controlling power variations of the RF output signal. However, Jean does not specifically disclose the stabilizer having an oscillator.

Beard, in the same field of invention, discloses a mobile terminal using an oscillator for stabilizing the power amplifier (fig.1, column 2 lines 25-32). Therefore, it would have been obvious to one skilled in the art at the time the invention was made to have Jean, modified by Beard in order to improve the stabilization of an output signal.

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Regarding claim 20, Jean discloses the operational amplifier (A1) for receiving the variation signals from the amplifier (A2) and the reference signal (Vcon) to output the feedback signal (fig.1A,C)

Allowable Subject Matter

5. Claims 5, 7, 12, 14, 19 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Regarding claims 5, 12, 19, Jean does not specifically disclose the output signal detected by a peak detector.

Regarding claims 7, 14, Jean does not specifically disclose the output of the feedback signal providing to the primary RF device via a primary bias control.

Response to Arguments

6. Applicant's arguments with respect to claims 1, 8, 15-16 has been considered but are moot in view of the new ground(s) of rejection.

Jean discloses the feedback signal based on the output signal and the feedback signal (loop from A2 to A1 to point 15, to resistor 18 then to A2), which is provided to both the primary RF device (PA) and the secondary RF device (A2) as argued in the Remarks.

Conclusion

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Simon Nguyen whose telephone number is (703) 308-1116. The examiner can normally be reached on Monday-Friday from 7:00 AM to 4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward F. Urban, can be reached on (703) 305-4385.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 306-0377.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

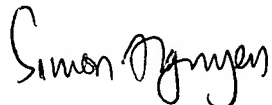
Or faxed to:

(703) 872-9314, (for formal communications intended for entry)

Hand-delivered response should be brought to Crystal Park II,
2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Simon Nguyen

January 28, 2005

A handwritten signature in black ink that reads "Simon Nguyen". The signature is written in a cursive, flowing style.